

CPAD Instrumentation Frontier Workshop 2021

Thursday 18 March 2021

Gaseous Detectors (12:00 PM-1:40 PM)

-Conveners: Sven Vahsen; Maxim Titov

time	[id] title	presenter
12:00 PM	[P37] TPC Development by the LCTPC Collaboration for the ILD Detector at ILC	KAMINSKI, Jochen
12:40 PM	[P31] Options for gain elements and gas mixtures in a high rate EIC Time Projection Chamber	Dr AZMOUN, Bob
1:00 PM	[P5] A novel TPC concept for a fast tracker for MAGIX	CAIAZZA, Stefano
1:20 PM	[M08] NEWS-G: Search for Light Dark Matter with Spherical Proportional Counters	NIKOLOPOULOS, Konstantinos

Gaseous Detectors (2:00 PM-4:00 PM)

-Conveners: Sven Vahsen; Maxim Titov

time	[id] title	presenter
2:00 PM	[M1] Detecting neutrinos and measuring nuclear quenching factors with spherical proportional counters	VIDAL, Marie
2:20 PM	[M10] Recent advancements on the spherical proportional counter instrumentation for NEWS-G	KATSIOLAS, Ioannis
2:40 PM	[M70] CYGNUS: Imaging of low-energy nuclear recoils in gas TPCs	VAHSEN, Sven
3:00 PM	[M5] Vector tracking in low-energy nuclear recoils	LEWIS, Peter
3:20 PM	[M0] The CYGNO TPC: Optical Readout for Directional Study of Rare Events	PINCI, Davide
3:40 PM	[M28] Electroluminescence studies for CYGNO - Directional Dark Matter search with an optical TPC	Dr B. MONTEIRO, Cristina M

Friday 19 March 2021

Gaseous Detectors (12:00 PM-1:40 PM)

-Conveners: Maxim Titov; Sven Vahsen

time	[id] title	presenter
12:00 PM	[82] Performance and stability of a High Granularity Resistive Micromegas at high particle rates.	DELLA PIETRA, Massimo
12:20 PM	[149] The CGEM-IT of the BESIII experiment: preliminary results of the cosmic data taking	MEZZADRI, Giulio
12:40 PM	[147] Gaseous Time Projection Chamber for Ultra-low Radioactive Material Screening	Mrs DU, Haiyan
1:00 PM	[97] Toward studying photonuclear reactions with active-target TPC	Mr FILA, Mateusz
1:20 PM	[147] A High-Pressure Gaseous-Argon TPC as a Component of DUNE Near Detector	Dr MOHAYAI, Tanaz

Gaseous Detectors (2:00 PM-3:10 PM)

-Conveners: Sven Vahsen; Maxim Titov

time	[id] title	presenter
2:00 PM	[178] Gas-filled Neutron Imager Operating in Ionization Mode	SMITH, Graham
2:20 PM	[160] A Low Energy Recoil Tracker hyperbolic drift chamber	Mr CAUSSE, Lucien
2:40 PM	[160] Lessons from Mu2e Tracker Construction and Mu2e-II Tracker Opportunities	Dr AMBROSE, Daniel
3:00 PM	[148] Status and prospects of TPC module and prototype R&D for CEPC	Dr QI, Huirong